

John Dryden

Senior Data Scientist

Los Angeles, CA, United States | [LinkedIn](#)

Senior data scientist with 15+ years across operations research, statistical modeling, machine learning, and GenAI. Has built end-to-end data products and led cross-functional teams across consumer, enterprise, and industrial domains.

EXPERIENCE

Senior Data Scientist, Contract

UP.LABS

Jan 2026 — Present

Santa Monica, CA

Leads architecture and hands-on development of a decision-intelligence platform supporting a \$10M+ enterprise AI engagement for a global energy company. Integrates 90+ structured indicators with LLM-retrieved unstructured sources to surface opportunities and risks. Designed a proposer-verifier workflow that checks facts, evidence, and sources with both deterministic and LLM-based evaluation.

Co-Founder

CreationSpace

Jan 2024 — Present

Los Angeles Metropolitan Area

Delivering high quality consumer insights to brands of all sizes

CTO & Co-Founder, CreationSpace (backed by Bain & Company)

CREATIONSPACE (BACKED BY BAIN, HUSTLE FUND)

Sep 2022 — Jan 2026

Los Angeles Metropolitan Area

Led data science workstreams for 25+ private-equity due diligences and corporate strategy engagements. Estimated causal revenue impact of restaurant renovations with matching methods. Built an experimentation and customer lifetime value framework for a national entertainment property, supporting marketing-offer tests for 50K+ recipients. Developed latent-class segmentations for 3+ clients, built purchase-propensity models for thousands of B2B accounts, and analyzed price elasticity and seasonality across 5K+ e-commerce SKUs.

Senior Operations Research Analyst, Team Lead

Millennium Space Systems, A Boeing Company

Jul 2016 — Aug 2022

El Segundo, CA

Founding data science hire who built and managed a six-person data science and engineering team supporting manufacturing, program scheduling, supply chain, and enterprise operations. Improved operational forecasts for small samples ($n < 20$) using informative Bayesian priors. Designed and deployed database schemas, data pipelines, KPIs, reports, and governance standards with manufacturing and enterprise teams. Migrated legacy inventory and manufacturing data to Deltek Costpoint ERP as a single source of truth.

Program Coordinator, Sanger Leadership Center

University of Michigan Ross School of Business

Mar 2015 — May 2016

Ann Arbor, MI

Developed relationships with institutional partners

Provided event and logistic support for Sanger Leadership Center's full portfolio of programs

GRE Instructor

Kaplan

Sep 2014 — May 2016

Ann Arbor, MI

Taught GRE, GMAT, and ACT preparation to classes of 5-25 students

Founder

BeTheHill

Aug 2014 — Jun 2016

• As a solo founder, conducted customer discovery interviews and developed business proposition. Shut down before launch

Senior Analyst

THINKVINE (ACQ. BY IGNITE TECHNOLOGIES)

Feb 2013 — Aug 2014

Cincinnati, OH

Built marketing mix models with a proprietary agent-based framework. Produced revenue forecasts with 97%+ holdout accuracy that informed client budget allocation across marketing channels.

Operations Research Analyst

THE KROGER COMPANY

Oct 2009 — Feb 2013

Cincinnati, OH

Modeled checkout processes with discrete-event simulation to compare service levels across labor scenarios. Advised on new technology that raised front-end throughput up to 13% without adding labor.

Research and Development Team Member

Kroger

Aug 2008 — Sep 2008

Designed 3 VisualBasic .NET applications in 1 month for Windows Mobile handhelds for in-store trial solutions

Collaborated on design process for a new product aimed at revolutionizing the consumer experience

Simulated several logistical configurations using Simul8 to propose processes improvements

EDUCATION

Stanford University

Jun 2009

B.S. in Management Science & Engineering; Science, Technology and Society

Activities and societies: Talisman, Alpha Phi Alpha, Associated Students of Stanford University, Residential Education, Alpha Kappa Psi, Residential Computing

University of Southern California

Jun 2023

Master of Science - MS in Operations Research Engineering

fast.ai

Deep Learning, Parts I and II

Carnegie Mellon University

Public Policy and International Affairs Junior Summer Institute

Completed coursework in statistics, international policy, labor economics and communication

Weston High School

SKILLS

Artificial Intelligence (AI) · Data Science · Data Analysis · Leadership · Operations Research · R · Python (Programming Language) · Scikit-Learn · Microsoft Excel · Market Research · Business Strategy · Entrepreneurship · Marketing · Discrete Event Simulation · Analytics · Public Speaking · Retail · Costpoint · Data Mining · Marketing Research · Process Improvement · Microsoft Office · VBA · Forecasting · Statistical Modeling · Causal Inference · Experimental Design · Model Evaluation · Simulation · KPI Design · Data Visualization · SQL · Snowflake · Databricks · LangGraph · OpenAI · Anthropic Claude · Google Gemini · Vector Databases · XGBoost · statsmodels · Prophet · Tableau · Streamlit · AWS · Azure · GitHub